

Fig. 1 is a cross-sectional view of a mechanical assembly. A central shaft (16) passes through a housing (1). The shaft has a gear (23) and a pulley (20) at the bottom. A bracket (17) is mounted on the shaft. A component (10) is connected to the shaft via a series of components (11, 13, 14, 15). A horizontal line A-A' indicates a cross-section.

Fig. 2 is a cross-sectional view of a mechanical assembly. It shows a housing (2) with internal components including a piston (10), a valve (11), a spring (14), and a rod (30) with a ball joint (16). Arrows labeled 'B' indicate fluid flow paths.

FIG. 3

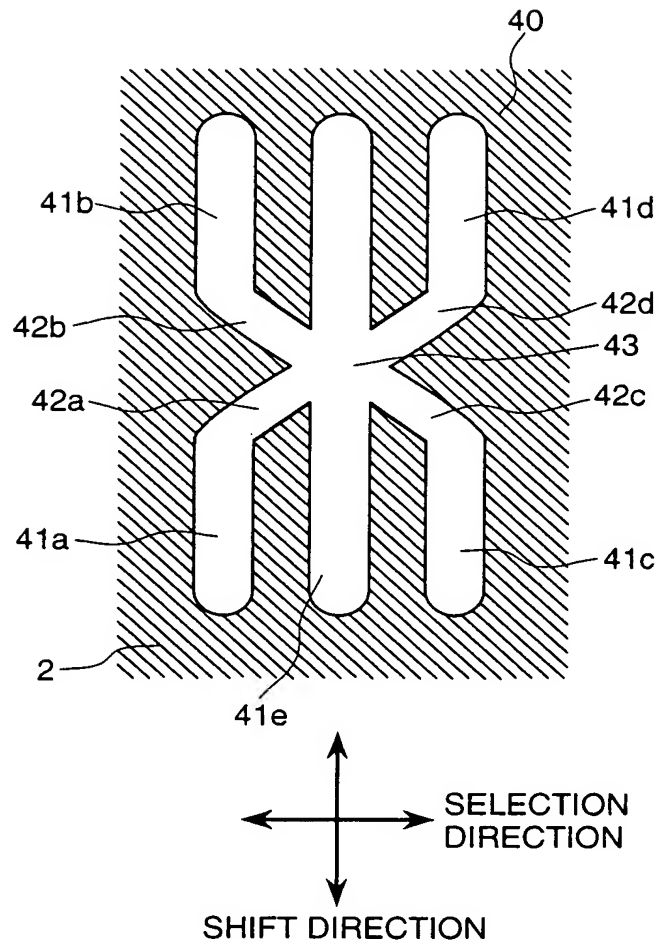


FIG. 4

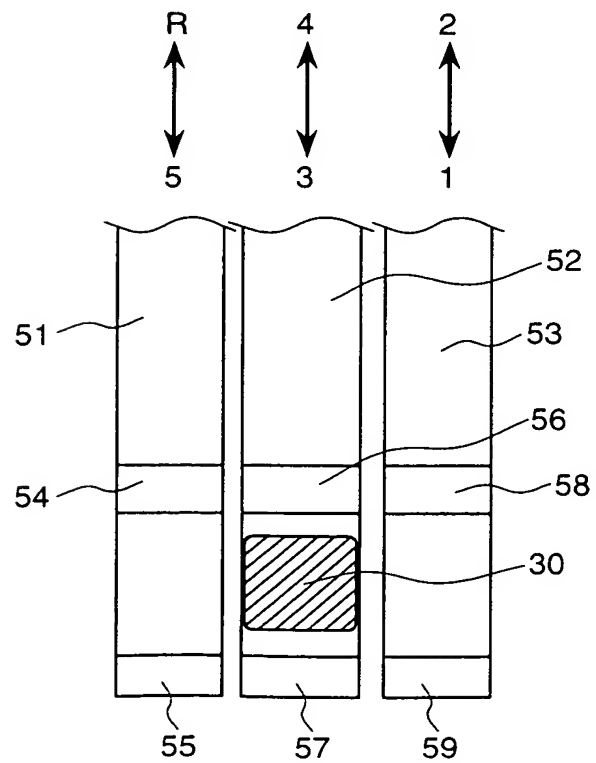


FIG. 5(a)

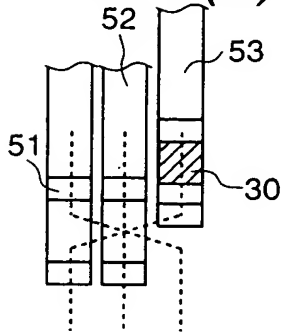


FIG. 5(b)

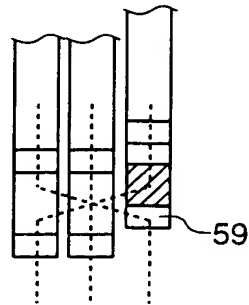


FIG. 5(c)

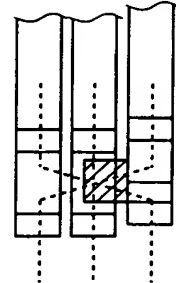


FIG. 5(d)

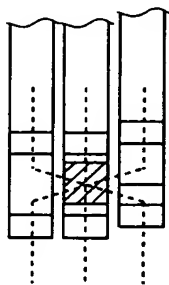


FIG. 5(e)

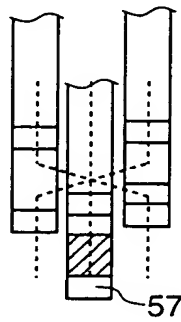


FIG. 6

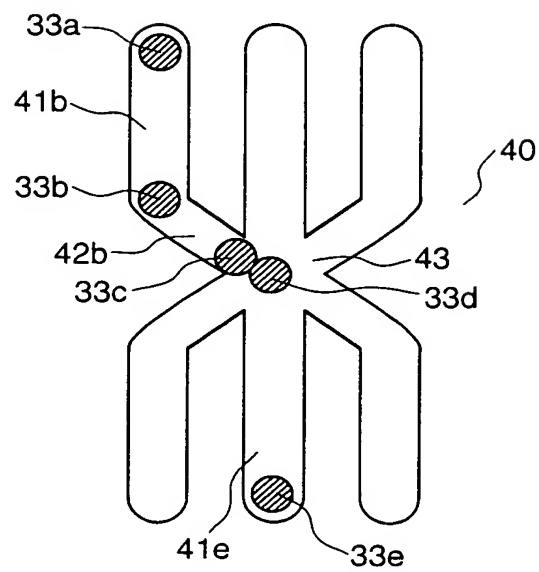


FIG. 7(a)

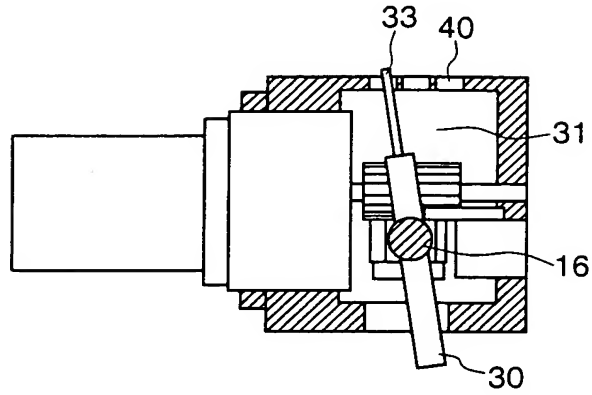


FIG. 7(b)

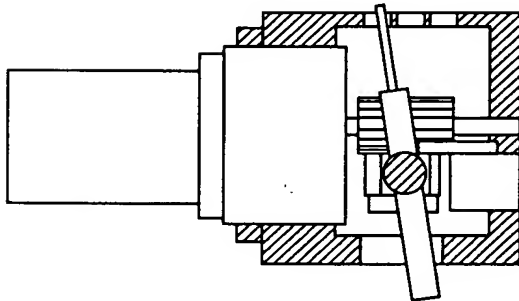


FIG. 7(c)

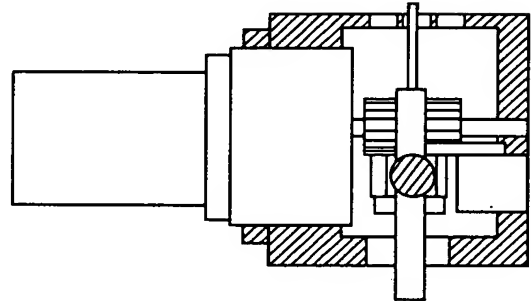


FIG. 7(d)

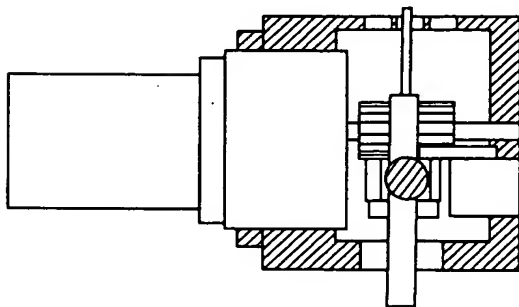


FIG. 7(e)

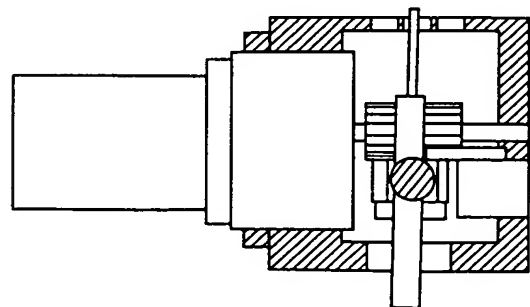


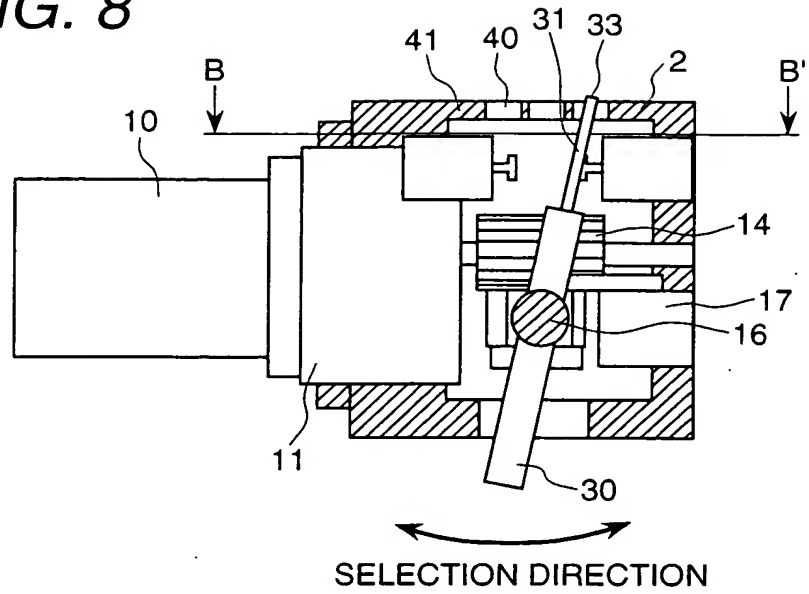
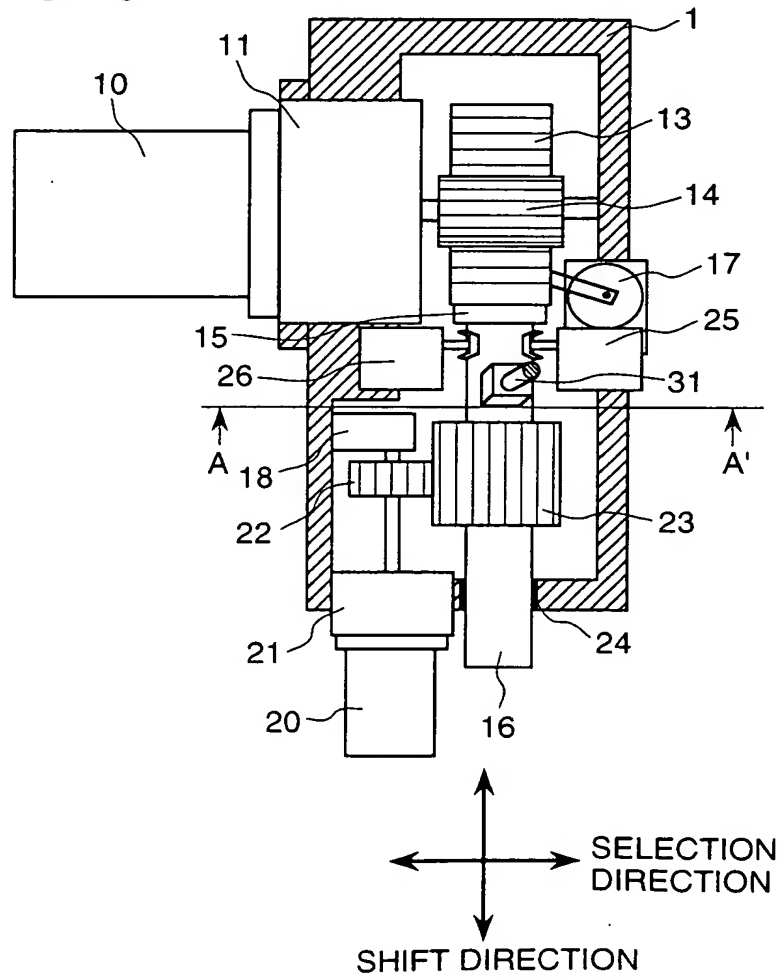
FIG. 8**FIG. 9**

FIG. 10

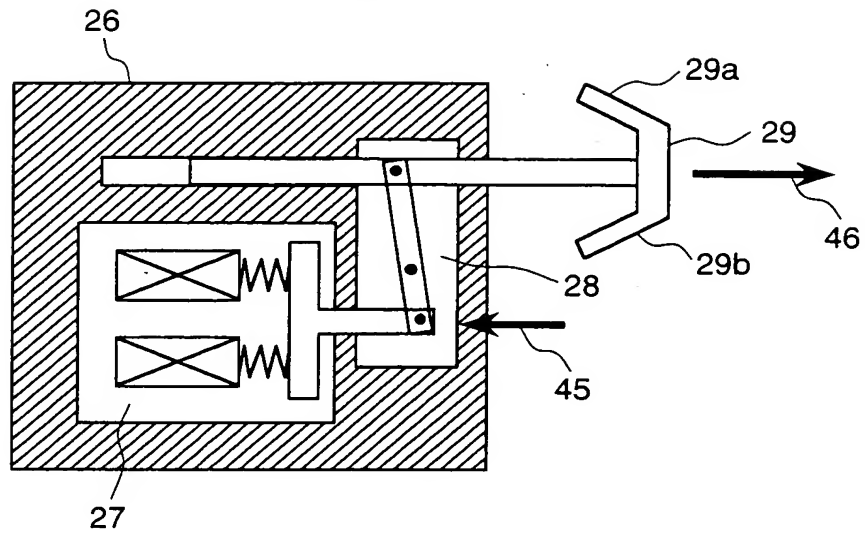


FIG. 11

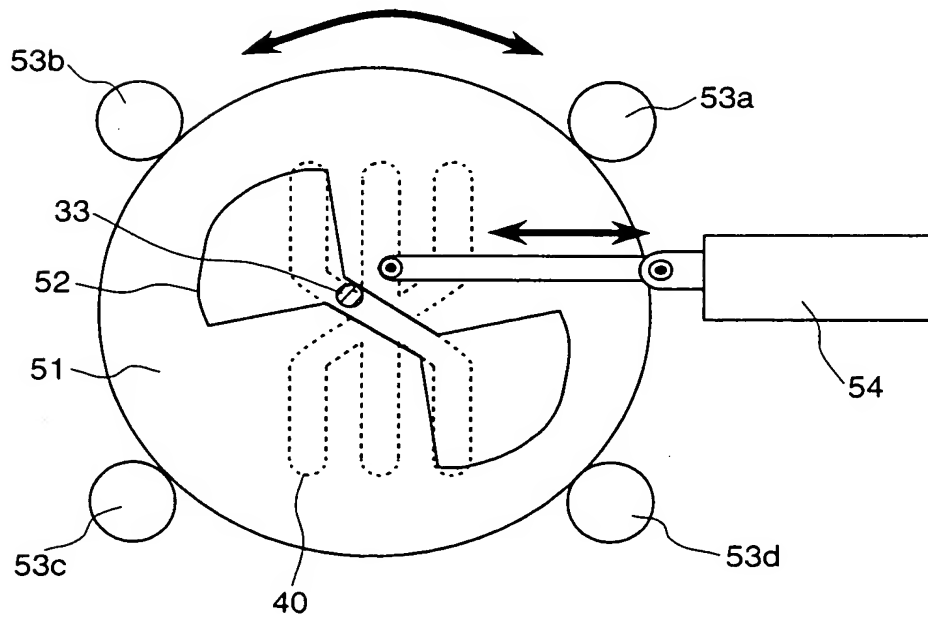


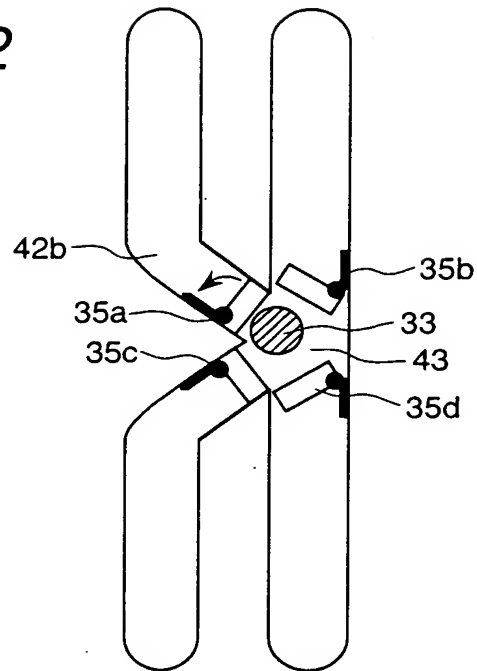
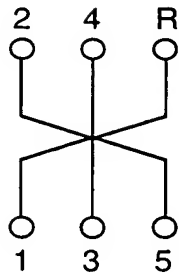
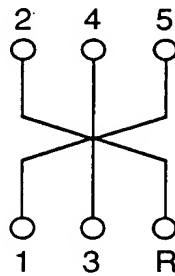
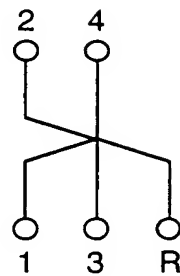
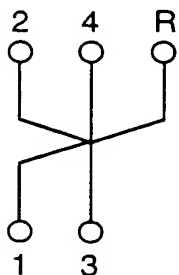
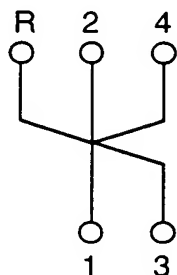
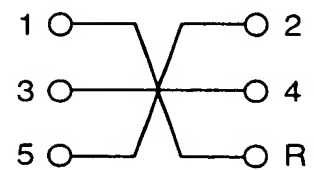
FIG. 12*FIG. 13(a)**FIG. 13(b)**FIG. 13(c)**FIG. 13(d)**FIG. 13(e)**FIG. 13(f)*

FIG. 14